

ultimo abrumpens, ideo — a est ultimus terminus in $\sqrt{2ay+yy}$ multiplicandus (per not. 4). Adeoque

$$A B D = vy + \frac{av}{2} + \sqrt{2ay+yy}x - \frac{x}{2}y - a.$$

Exemp. 2. Sit $z = \frac{vy}{a}$, quia in hoc casu $r = \frac{x}{a}$, $n = 1$, ideo terminus ultimò abrumpens est $\frac{raa \times 2n+1}{n \times n + 2 \times n + 1} y^{n-1} = \frac{a}{4}$, unde

$q = \frac{a}{4}$ & $\frac{a}{2}$ ultimus terminus in $\sqrt{2ay+yy}$ multiplicandus;

$$\text{adeoque } A B D = \frac{vyy}{2a} - \frac{av}{4} + \sqrt{2ay+yy}x - \frac{y^2}{6a} - \frac{y}{12} + \frac{a}{2}$$

Et si capiatur $y = \sqrt{\frac{aa}{2}}$, erit Area competens huic abscissæ

$$\text{Geometricè Quadrabilis, scil. Area} = \frac{1}{12} \sqrt{2a^4} + \frac{a^2}{2} \times 5a - \sqrt{\frac{a^2}{2}} :$$

Plura habeo hujusmodi Theoremata, pro Figuris ex circulo Parabolâ & dependentibus; sed hæc duo, speciminis igratiâ, sufficiant ad ostendendum usum Methodi meæ in tractatu nostro de Quadraturis editæ, in determinandis Figurarum irrationalium Quadraturis, ad quas nulla alia (quantum scio) Methodus hætenus porrigitur.

V. Part of a Letter of Mr. Robert Tredwey, to Dr. Leonard Plukenet, Dated Jamaica, Feb. 12. 1696. giving an Account of a great piece of Ambergriese thrown on that Island; with the Opinion of some there about the way of its Production.

I Shall only at present let you know the Account I received from *Ambergriese Ben*, for so the Man is called from the vast Quantity of that valuable Commodity

dity he found Two Years ago; viz. One Hundred and Fifty Pound Weight dashed on the Shoar at a Place in these Parts called *Ambergriese Point*, where the *Spaniards* usually come once a Year to look for it. This vast Quantity was divided in Two Parts; supposed by rolling and tumbling in the Sea; but that which I have to inform you, is the Way how 'tis produced; viz. from a Creature, as Honey or Silk; for I saw in sundry Places of this Body, the Beaks, Wings, and part of the Body of the Creature which I preserved some time by me, and this ignorant Fellow (for so you would term him if you knew all) has seen the Creature alive; and he adds, That he believes they swarm as Bees, on the Sea-Shore or in the Sea. This account is very different from what I ever met with, so I thought fit to Communicate it. We have lately discover'd Two hot Springs. One to Windward, which seems Sulphurous: The other to Leeward is very Salt; but as I am told does not partake of Brimstone, and both very much magnify'd for the Endemick Diseases of these Parts, the dry Belly-ach, Pains of the Nerves, and Yaws.

E R R A T A. In Numb. 231.

PAG. 642. l. 17. for — (in the Denominator) read +. p. 648. l. 1. for *ab* read *ob*.
p. 649. l. 4. for *eluceffit*, read *elucescit*.

London: Printed for Sam. Smith, and Benj. Wallford, Printers to the Royal Society, at the Princes Arms in St. Paul's Church-Yard. 1697.